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# **PCT**

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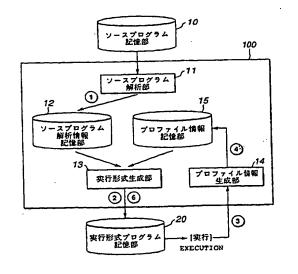
Tokyo, (JP)

METHOD AND APPARATUS FOR COMPILING (54) Title:

コンパイル処理装置及びコンパイル処理方法 (54)発明の名称

### (57) Abstract

A source program analyzer (11) performs various analyses of a source program, generates analysis information on the source program, and stores it in a source program analysis information storage (12). Based on the analysis information in the source program analysis information storage (12), an executable-program generator (13) generates an executable program for generating profile information. A profile information generator (14) generates profile information based on the information obtained by the executing of the program. The executable-program generator (13) generates an optimized executable program based on the analysis information on the source program stored in the source program analysis information storage (12) and the profile information generated by the profile information generator (14).



... SOURCE PROGRAM STORAGE

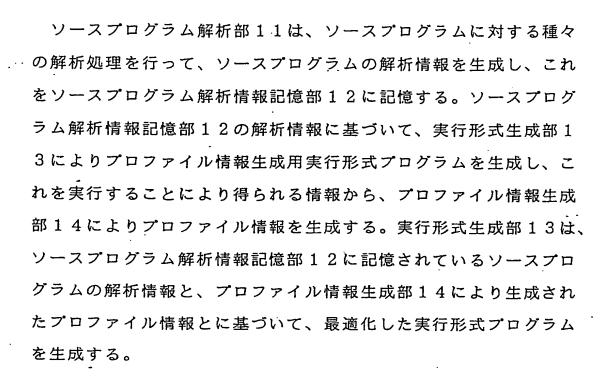
SOURCE PROGRAM ANALYZER

SOURCE PROGRAM ANALYSIS INFORMATION STORAGE

EXECUTABLE-PROGRAM GENERATOR

PROFILE FILE INFORMATION GENERATOR 15 ... PROFILE FILE INFORMATION GENERATOR

20 ... EXECUTABLE-PROGRAM STORAGE



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# INTERNATIONAL SEARCH REPORT

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International application No. PCT/JP99/03710

	SIFICATION OF SUBJECT MATTER C1 <sup>6</sup> G06F9/45		
According to	o International Patent Classification (IPC) or to both nation	onal classification and IPC	
B. FIELD	S SEARCHED		
Int.	ocumentation searched (classification system followed by C1 G06F9/45		
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Electronic d JICS	ata base consulted during the international search (name T File (JOIS)	of data base and, where practicable, se	arch terms used)
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		
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Y	US, 5659752, A (International Co.), 19 August, 1997 (19. 08. 97)	Business Machines	1-21
Y	JP, 6-4299, A (NEC Software, 14 January, 1994 (14. 01. 94)	Ltd.), (Family: none)	1-21
Y	JP, 63-276127, A (Fujitsu Lto 14 November, 1988 (14. 11. 88 Fig. 2; page 3, upper right co right column, line 16 (partic right column, lines 13 to 16)	), lumn, line 14 to lower ularly page 3, lower	1-21
Y	JP, 9-288580, A (NEC Corp.), 4 November, 1997 (04. 11. 97) Fig. 1; Par. Nos. [0043], [0	(Family: none)	4
Y	JP, 9-330233, A (Hewlett-Pac 22 December, 1997 (22. 12. 97 & US, 5815720, A	kard Co.),	6, 7, 16, 17
× Furth	ner documents are listed in the continuation of Box C.	See patent family annex.	
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Date of the 4 O	e actual completion of the international search ctober, 1999 (04. 10. 99)	Date of mailing of the international se 19 October, 1999	arch report (19. 10. 99)
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Facsimile No.		Telephone No.	

## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP99/03710

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Y	JP, 6-202875, A (NEC Corp.), 22 July, 1994 (22. 07. 94), Fig. 4; Par. Nos. [0042] to [0050] (Family: none)		
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